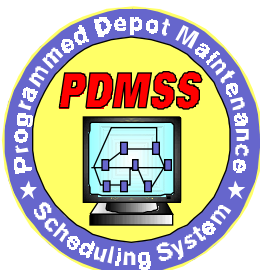




F A C T S H E E T



Depot Maintenance

Programmed Depot Maintenance Scheduling System



“... a win-win situation ... cut 10 days flow time off each of our airplanes ... allowed us to put two revenue generating airplanes into the Center this year ... saved us a good deal of money ... it was good for us, and it was good for our customer ...”

MGEN Spiers, OC-ALC Commander

As part of the Department of Defense's (DoD's) Depot Maintenance (DM) Toolbox of applications, Programmed Depot Maintenance Scheduling System (PDMSS) provides project management scheduling for the repair and modification of major end items. Specifically, PDMSS provides production planning, scheduling and execution through the use of critical paths and precedent related plans.

The DM Toolbox is the depot maintenance piece of a Corporate Information Management (CIM) initiative designed to improve management of operations and ensure interoperability across DoD logistics. The DM Toolbox ultimately represents an important milestone in the creation of a seamless logistics system, resulting in a streamlined logistics infrastructure and improved logistics response time.

FUNCTIONS

PDMSS Supports Requirements To:

- Model workload operations and sequence
- Identify resource requirements and usage
- Provide performance measurement data
- Support workarounds and contingency planning
- Produce ad hoc queries and reports

PDMSS Implementation Strategy Follows a Structured Methodology that Applies:

- Disciplined project management business processes
- Program management experts
- Automated project management information tool

Joint Logistics Systems Center

DEPLOYED SITES

Marine Corps

Marine Corps Logistics Base
(MCLB) - Albany
MCLB - Barstow

Navy

Norfolk Naval Ship Yard (NSY)
Pearl Harbor NSY
Portsmouth NSY
Puget Sound NSY
Long Beach NSY
Naval Aviation Depot (NADEP)
Jacksonville
NADEP North Island
NADEP Cherry Point
NADEP Pensacola

Air Force

Warner Robins Air Logistics
Center (ALC)
Oklahoma City ALC
San Antonio ALC
Sacramento ALC
Ogden ALC

Army

Tobyhanna Army Depot (AD)
Letterkenny AD
Corpus Christi AD
Red River AD
Anniston AD

Point of Contact

Franics Tender
Project Manager
1864 Fourth Street, Suite 1
JLSC/DMP
WPAFB OH 45433-7131

DSN 785-0823 Ext. 3030
Comm (937) 255-0823 Ext. 3030
tenderf@jlsc.wpafb.af.mil

Development and
Implementation Contractor
Robbins-Gioia, Inc.

Support Contractors

KPMG Peat Marwick
Lockheed Martin
BDM Federal

Public Affairs
JLSC/CSS, Bldg. 15
1864 Fourth St., Ste 1
Wright-Patterson AFB OH 45433-7131
Comm: (937) 255-0336
DSN: 785-0336
FAX: (937) 656-4763
Internet <http://www.jlsc.wpafb.af.mil/>
(Current as of January 1996)

PDMSS Implementation Strategies:

- Analyze the “as is” management process and identify areas for improvement
- Assess the existing information system data availability and integration requirements to minimize data entry
- Identify management information and decision support requirements
- Implement appropriate solutions based on the functional users requirements

PDMSS implementation is accomplished through a team approach with the JLSC/DM Project Manager, Depot Managers, and on-site Robbins-Gioia contractor.

BENEFITS

PDMSS provides significant benefits to DoD operations. The system will reduce resource use and project cycle time thereby increasing throughput of major end items. PDMSS functions as a powerful tool in a cost-effective, project management program.

Tangible

- Optimized limited resources
- Reduced cycle time
- Increased throughput

Intangible

- State-of-the-art information processing
- Better service management
- More efficient work processes

COMPLIANCE WITH REGULATORY REQUIREMENTS

- ISO 9000
- MIL-STD 881A

ARCHITECTURE

HP9000 Model I70
HP-UNIX Ver. 9+
Motif 1.1
X11R4 Libraries
CAT II COTS
TCP/IP

486 w/16MB RAM
TCP/IP
CAT Meow (Text)
Hummingbird Exceed or PC-X Ware (GUI)

SUMMARY

- PDMSS is a mature system
- Widely deployed and used
- Proven innovative, effective and repeatable implementation process
- Proven productivity improvements and cost savings
- Benefits realized in first year
- Low implementation costs, on average less than \$1.2M per site